

10:05:19

## OCA PAD INITIATION - PROJECT HEADER INFORMATION

02/24/94

Active

Project #: B-10-F55

Cost share #:

Rev #: 0

Center # : 10/24-6-Q6134-0A0

Center shr #:

OCA file #:

Contract#: GCATT94.02.G

Mod #:

Work type : RES

Prime #:

Document : CONT

Contract entity: GIT

Subprojects ? : N

CFDA: N/A

Main project #:

PE #: N/A

Project unit:

OIP

Unit code: 03.010.200

Project director(s):

DYER F B

00D

(404)894-3539

Sponsor/division names: UNIVERSITY OF GEORGIA

/ ATHENS, GA

Sponsor/division codes: 400

/ 009

Award period: 930701 to 940630 (performance) 940630 (reports)

Sponsor amount

New this change

Total to date

Contract value

22,000.00

22,000.00

Funded

22,000.00

22,000.00

Cost sharing amount

0.00

Does subcontracting plan apply ? : N

Title: ASSISTANCE FOR MATHEMATICS VISUALIZATION (GCATT)

## PROJECT ADMINISTRATION DATA

OCA contact: Ina R. Lashley

894-4820

Sponsor technical contact

Sponsor issuing office

DR. JAMES W. WILSON

RITA RICHARDSON

(706)542-9194

(706)542-5928

SCHOOL OF TEACHER EDUCATION

OFFICE OF V.P. FOR RESEARCH

105 ADERHOLD HALL

BOYD RESEARCH GRAD. STUDIES CENTER

THE UNIVERSITY OF GEORGIA

THE UNIVERSITY OF GEORGIA

ATHENS, GA 30602

ATHENS, GA 30602

Security class (U,C,S,TS) : U

ONR resident rep. is ACO (Y/N): N

Defense priority rating : N/A

N/A supplemental sheet

Equipment title vests with: Sponsor

GIT X

NONE PROPOSED.

Administrative comments -

INITIATION OF ONE-YEAR GCATT GRANT. (NOTE: THIS PROGRAM IS ADMINISTERED UNDER  
> "GIT" RATHER THAN "GTRC").

GEORGIA INSTITUTE OF TECHNOLOGY  
OFFICE OF CONTRACT ADMINISTRATION

NOTICE OF PROJECT CLOSEOUT

Closeout Notice Date 11/30/94

Project No. B-10-F55\_\_\_\_\_

Center No. 10/24-6-Q6134-0A0\_

Project Director DYER F B\_\_\_\_\_

School/Lab OIP\_\_\_\_\_

Sponsor UNIVERSITY OF GEORGIA/ATHENS, GA\_\_\_\_\_

Contract/Grant No. GCATT94.02.G\_\_\_\_\_ Contract Entity GIT\_

Prime Contract No. \_\_\_\_\_

Title ASSISTANCE FOR MATHEMATICS VISUALIZATION (GCATT)\_\_\_\_\_

Effective Completion Date 940630 (Performance) 940630 (Reports)

Closeout Actions Required:	Y/N	Date Submitted
Final Invoice or Copy of Final Invoice	N	_____
Final Report of Inventions and/or Subcontracts	N	_____
Government Property Inventory & Related Certificate	N	_____
Classified Material Certificate	N	_____
Release and Assignment	N	_____
Other _____	N	_____
Comments _____		

Subproject Under Main Project No. \_\_\_\_\_

Continues Project No. \_\_\_\_\_

Distribution Required:

Project Director	Y
Administrative Network Representative	Y
GTRI Accounting/Grants and Contracts	Y
Procurement/Supply Services	Y
Research Property Management	Y
Research Security Services	N
Reports Coordinator (OCA)	Y
GTRC	Y
Project File	Y
Other _____	N
_____	N



(FINAL) B-10-F55  
1

Frederick B. Dyer  
GCATT - Georgia Center for Advanced  
Telecommunications Technology

Georgia Institute of Technology  
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404-894-3539  
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November 28, 1994

School of Teacher Education  
105 Aderhold Hall  
The University of Georgia  
Athens, Georgia 30602

Attention: Dr. James W. Wilson

Subject: **FINAL REPORT: GCATT 90.02G, "Assistance for Mathematics  
Visualization" , Reference GIT project B-10-F55**

Dear Jim:

As we discussed two weeks ago, I believe we are now in a position to begin the use of the Teacher's Workstation and its related software/hardware tools. I believe that the ultimate utility of such a system will depend upon the teacher and support given her in getting by the technical stuff. As such, the work that you and your people will be doing in collaboration with the "field trials" at Dunwoody High will be critical to the outcome of our projects. In that connection, I have taken our discussions from earlier in the planning for these GRA projects as direction to focus the three sub-projects (ie., GRA GRANTS) on the common goal of development of a useful, transportable Workstation which will support both Macintosh and PC applications, and which will allow for a variety of connectivity, display, and input modes. The particular implementation should be nearly ideal for use in Mathematics Visualization, particularly now that we have available the software floating-point emulation.

Enclosed is a diagram of the "final" form of the Teacher's Workstation, including the ShareView software and hardware provided by you. I have also included, for the record, the equipment we are loaning to Dunwoody High for use in this venture. Clearly we can provide other loaned equipment, such as a laser-disc player, from our laboratories, should such be needed; however, since such items were not a part of the Grant purchases, their loan would be on a "not to interfere" basis.

The product of this and the other two grants is essentially what we discussed and agreed to last Spring, allowing for advances in certain of the component parts. I believe the efforts we have expended on this task are consistent with the intent of the originally proposed work statement, and the required deliverables, as we have discussed.

Since there have been a great many changes in the state of the technology since our initial submittal of this proposal, I am recommending that we primarily focus on those applications of the technology which can have payoff very quickly. In keeping with the GRA focus on economic development and the need to assist Georgia Industry, we should explore possible linkages and applications which will result in identifiable market opportunities or will assist others in the application of those areas education, including distance education, that may provide early payback.

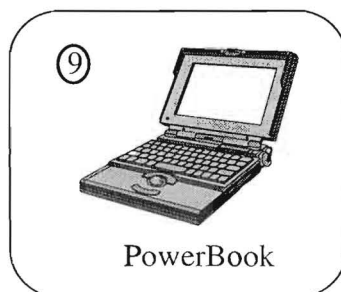
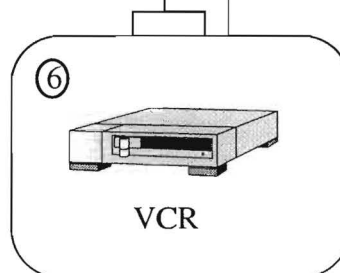
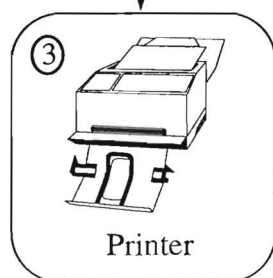
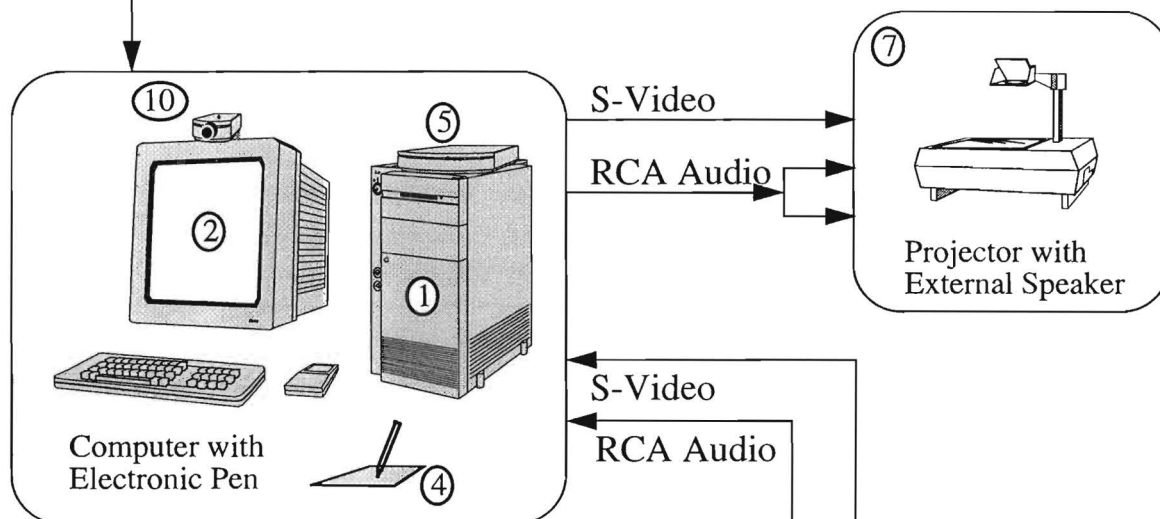
Please let me know if you have any questions or issues with our proposed delivery plan. Otherwise, I would expect that either I or Markus can be available on a limited basis to support you and your staff in completion of the trials and the subsequent reporting that you may feel is appropriate.

Yours truly,

Attachments U



# Classroom Workstation Setup



## Equipment Inventory

Item	Manufacturer	Model	Serial Number
1	Apple	PowerMac 8100/80 AV	CK4170L01H0
2	Apple	MultiScan 17 Display	S14131N11XX
3	Hewlett Packard	LaserJet 4M Printer	JPBG083299
4	Wacom Co., Ltd.	Tablet, UD-0608-A	3L2JB2984-00
5	Digital Vision, Inc.	TeleEyes/Pro	13701 TP
6	Panasonic	VCR PV-S4380	3L2JB2984-00
7	Sharp	LCD Projector XG-H400U	617165
8	Technology Concepts, Inc.	LineLink 144e modem	93-12%22918
9	Apple	PowerBook 520C	FC4255S1F154
10	Creative Technology, Ltd.	ShareView 3000 Desktop Video Conferencing System	10000451*

\* University of Georgia Control Number 465433